

METHOD OF PURIFYING BRINE

ABSTRACT OF THE DISCLOSURE

A method of purifying gluconate-containing brine is described which comprises first removing transition metal cations and other impurities by passage of the brine through a first ion exchange resin. The brine is then passed through a second ion exchange resin to effect removal of alkaline earth metal cations. In a third step the brine is treated with a carbonaceous adsorbent to remove impurities introduced by the ion exchange resins, as well as to effect removal of quaternary ammonium salts such as chloromethyl triethylammonium chloride. Methods for the regeneration of the carbonaceous adsorbent are described.